

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 61194681
PUBLICATION DATE : 29-08-86

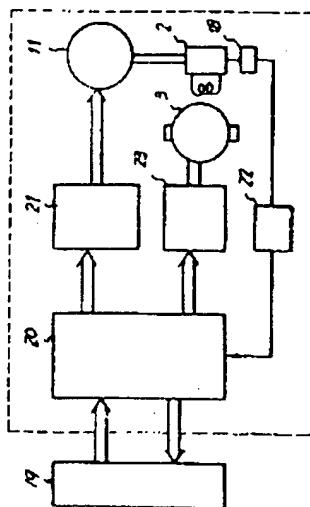
APPLICATION DATE : 22-02-85
APPLICATION NUMBER : 60032859

APPLICANT : ALPS ELECTRIC CO LTD;

INVENTOR : SOTANI KINGO;

INT.CL. : G11B 21/08

TITLE : RESTORING METHOD FOR BUFFER
MODE



ABSTRACT : PURPOSE: To perform restoration in an extremely short time by inputting all step pulses which need to be sent by the number of all recording tracks of a disk from a host side firstly when a head is restored, and reducing the speed of a stepping motor gradually by the remaining number of tracks.

CONSTITUTION: When the host side 19 inputs, for example, 1,024 step pulses to mechanism control logic 20, the logic 20 counts the 1,024 pulses and then a magnetic head 2 input the step pulses to the stepping motor driver 21 according to a slow-up curve to drive the stepping motor 11; and the magnetic head 2 is accelerated gradually to attain access toward a O-track side at the highest speed of 1,700pps. When the magnetic head 2 approaches a track 16, the output of a photointerrupter 18 varies and is transmitted to a comparator 22, which converts it to a TTL level and inverts it, thereby sending the result to the logic 20. The feed speed of the stepping motor 11 is reduced with the signal from the comparator 22.

COPYRIGHT: (C)1986,JPO&Japio